

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006510**Date Inspected:** 13-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi jiang/SunWei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY#2

This QA Inspector observed the following work in progress:

F.C.A.W. welding for weld joint number 081 on Segment 1AW-Seg003B. Welder is identified as 045260. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

F.C.A.W. welding for weld joint number 085 on Segment 1AW-Seg003B. Welder is identified as 045240. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

S.M.A.W. welding for weld joint number 007 on Segment 1AW-Seg003. Welder is identified as 047864. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

S.M.A.W. welding for weld joint number 008 on Segment 1AW-Seg003. Welder is identified as 047856. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

OUTSIDE AREA

This QA inspector verified that the following Deck Plates had been completed and the required non destructive

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

testing(NDT) had been performed. Green tags were issued by American Bridge/Flour(ABF).

Component Segment Green Tag#

DP277-001 7BW 6409

DP115-002 7BW 6414

DP278-001 7CW 6415

DP116-002 7CW 2777

BAY#13

This QA inspector verified that the following Deck Plates had been completed and the required non destructive testing(NDT) had been performed. Green tags were issued by American Bridge/Flour(ABF).

Component Segment Green Tag#

DP334-002 7EE 2778

DP361-001 7EE 2779

BAY#12

This QA inspector verified that the following Deck Plates had been completed and the required non destructive testing(NDT) had been performed. Green tags were issued by American Bridge/Flour(ABF).

Component Segment Green Tag#

DP336-001 8BE 2841

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By: Whitehead,Lonnie

Quality Assurance Inspector

Reviewed By: Carreon,Albert

QA Reviewer